

5 establishing an association between said one or more protection domains and one or
6 more classes of one or more objects; and

7 determining whether an action requested by a particular object is permitted based on
8 said association between said one or more protection domains and said one or
9 more classes.

1 2. (NOT AMENDED) The method of Claim 1, wherein:

2 at least one protection domain of said one or more protection domains is associated
3 with a code identifier;

4 at least one class of said one or more classes is associated with said code identifier;
5 and

6 the step of establishing an association between said one or more protection domains
7 and said one or more classes of one or more objects further includes the step
8 of associating said one or more protection domains and said one or more
9 classes based on said code identifier.

1 3. (NOT AMENDED) The method of Claim 2, wherein said code identifier indicates a
2 source of code used to define each class of said one or more classes.

1 4. (NOT AMENDED) The method of Claim 2, wherein said code identifier indicates a
2 key associated with each class of said one or more classes.

1 5. (NOT AMENDED) The method of Claim 2, wherein said code identifier indicates a
2 source of code used to define each class of said one or more classes and indicates a
3 key associated with each class of said one or more classes.

N.P. 1 6. (NOT AMENDED) The method of Claim 2, wherein the step of associating said one
2 or more protection domains and said one or more classes based on said code identifier
3 further includes associating said one or more protection domains and said one or more
4 classes based on data persistently stored, wherein said data associates code identifiers
5 with a set of one or more permissions.

1 7. (NOT AMENDED) A method of providing security, the method comprising the steps
2 of:
3 establishing one or more protection domains, wherein a protection domain is
4 associated with zero or more permissions;
5 establishing an association between said one or more protection domains and one or
6 more sources of code; and
7 in response to executing code making a request to perform an action, determining
8 whether said request is permitted based on a source of said code making said
9 request and said association between said one or more protection domains and
10 said one or more sources of code.

1 8. (NOT AMENDED) The method of Claim 7, wherein the step of establishing an
2 association between said one or more protection domains and said one or more
3 sources of code further includes establishing an association between said one or more
4 protection domains and said one or more sources of code and one or more keys
5 associated with said one or more sources of code.

1 9. (NOT AMENDED) The method of Claim 8, wherein the step of establishing an
2 association between said one or more protection domains and said one or more

3 sources of code and said one or more keys associated with said one or more sources
4 of code further includes establishing said association between said one or more
5 protection domains and said one or more sources of code and said one or more keys
6 associated with said one or more sources of code based on data persistently stored,
7 wherein said data associates particular sources of code and particular keys with a set
8 of one or more permissions.

1 10. (AMENDED) A computer-readable medium carrying one or more sequences of one
2 or more instructions, [wherein the execution of] the one or more sequences of the one
3 or more instructions including instructions which, when executed by one or more
4 processors, causes the one or more processors to perform the steps of:
5 establishing one or more protection domains, wherein a protection domain is
6 associated with zero or more permissions;
7 establishing an association between said one or more protection domains and one or
8 more classes of one or more objects; and
9 determining whether an action requested by a particular object is permitted based on
10 said association between said one or more protection domains and said one or
11 more classes.

1 11. (NOT AMENDED) The computer readable medium of Claim 10, wherein:
2 at least one protection domain of said one or more protection domains is associated
3 with a code identifier;
4 at least one class of said one or more classes is associated with said code identifier;
5 and

6 the step of establishing an association between said one or more protection domains
7 and said one or more classes of one or more objects further includes the step
8 of associating said one or more protection domains and said one or more
9 classes based on said code identifier.

1 12. (NOT AMENDED) The computer readable medium of Claim 11, wherein said code
2 identifier indicates a source of code used to define each class of said one or more
3 classes.

1 13. (NOT AMENDED) The computer readable medium of Claim 11, wherein said code
2 identifier indicates a key associated with each class of said one or more classes.

1 14. (NOT AMENDED) The computer readable medium of Claim 11, wherein said code
2 identifier indicates a source of code used to define each class of said one or more
3 classes and indicates a key associated with each class of said one or more classes.

1 15. (NOT AMENDED) The computer readable medium of Claim 14, wherein the step of
2 associating said one or more protection domains and said one or more classes based
3 on said code identifier further includes associating said one or more protection
4 domains and said one or more classes based on data persistently stored, wherein said
5 data associates code identifiers with a set of one or more permissions.

1 16. (NOT AMENDED) A computer-readable medium carrying one or more sequences of
2 one or more instructions, wherein the execution of the one or more sequences of the
3 one or more instructions causes the one or more processors to perform the steps of:

N.E. 4 establishing one or more protection domains, wherein a protection domain is
5 associated with zero or more permissions;
6 establishing an association between said one or more protection domains and one or
7 more sources of code; and
8 in response to executing code making a request to perform an action, determining
9 whether said request is permitted based on a source of said code making said
10 request and said association between said one or more protection domains and
11 said one or more sources of code.

1 17. (NOT AMENDED) The computer readable medium of Claim 16, wherein the step of
2 establishing an association between said one or more protection domains and said one
3 or more sources of code further includes establishing an association between said one
4 or more protection domains and said one or more sources of code and one or more
5 keys associated with said one or more sources of code.

1 18. (NOT AMENDED) The computer readable medium of Claim 17, wherein the step of
2 establishing an association between said one or more protection domains and said one
3 or more sources of code and said one or more keys associated with said one or more
4 sources of code further includes establishing said association between said one or
5 more protection domains and said one or more sources of code and said one or more
6 keys associated with said one or more sources of code based on data persistently
7 stored, wherein said data associates particular sources of code and particular keys
8 with a set of one or more permissions.

1 19. (NOT AMENDED) A computer system comprising:
2 a processor;
3 a memory coupled to said processor;
4 one or more protection domains stored as objects in said memory, wherein each
5 protection domain is associated with zero or more permissions;
6 a domain mapping object stored in said memory, said domain mapping object
7 establishing an association between said one or more protection domains and
8 one or more classes of one or more objects; and
9 said processor being configured to determine whether an action requested by a
10 particular object is permitted based on said association between said one or
11 more protection domains and said one or more classes.

1 20. (NOT AMENDED) The computer system of Claim 19, wherein:
2 at least one protection domain of said one or more protection domains is associated
3 with a code identifier;
4 at least one class of said one or more classes is associated with said code identifier;
5 and
6 said computer system further comprises said processor configured to establish an
7 association between said one or more protection domains and said one or more
8 classes of one or more objects by associating said one or more protection
9 domains and said one or more classes based on said code identifier.

1 21. (NOT AMENDED) The computer system of Claim 20, wherein said code identifier
2 indicates a source of code used to define each class of said one or more classes.

1 22. (NOT AMENDED) The computer system of Claim 20, wherein said code identifier
2 indicates a key associated with each class of said one or more classes.

1 23. (NOT AMENDED) The computer system of Claim 20, wherein said code identifier
2 indicates a source of code used to define each class of said one or more classes and
3 indicates a key associated with each class of said one or more classes.

1 24. (NOT AMENDED) The computer system of claim 20, further comprising said
2 processor configured to associate said one or more protection domains and said one or
3 more classes based on said code identifier by associating said one or more protection
4 domains and said one or more classes based on data persistently stored in said
5 computer system, wherein said data associates code identifiers with a set of one or
6 more permissions.